

ABSTRACT

A metal halide lamp of the present invention has an arc tube formed of ceramic and a pair of opposing electrodes. This lamp includes a Pr (praseodymium) halide, a Na (sodium) halide, and a Ca (calcium) halide enclosed within the arc tube. The Pr halide content H_p [mol], the Na halide content H_n [mol], and the Ca halide content H_c [mol] satisfy the relationships of $0.4 \leq H_c/H_p \leq 15.0$ and $3.0 \leq H_n/H_p \leq 25.0$.